



Physics 12

Instructor: Phyllis Jew (pjew@sd40.bc.ca)

Description

This online course follows the Physics 12 new curriculum for British Columbia Secondary students. There are eight units:

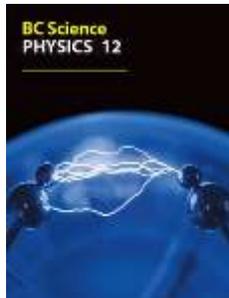
1. Vectors and Static Equilibrium
2. Kinematics
3. Momentum and Energy
4. Circular Motion and Gravitation
5. Electrostatics
6. Special Relativity
7. Magnetic Forces
8. Electromagnetic Induction

Recommendation

Students considering taking this course should have within the past 5 years completed Physics 11 and Pre-Calculus 11 with a "B" or higher, as well as achieved a reading comprehension at the BC High School grade 11 level.

Resources

The course requires the use of a WorkText, which acts as a textbook, workbook, notebook, and study guide.



BC Science Physics 12, published by Edvantage Interactive, is available for purchase at either of our locations for \$30.

This WorkText is the basis for the course and your purchase gives you access to essential online videos, quizzes and course notes. In addition, the online course provides links to additional videos and simulations to enhance and deepen your understanding of the course material.

Assessment *{*Due to COVID-19, all tests can be written at home until further notice.}*

There are six tests in Physics 12. The first test can be written at home on your computer. *The other five tests are also online, but must be written at [one of our locations](#). Your final mark is based on a *weighting* of all six tests. A passing mark is 50%; however, you should consider 80% as the minimum mark for mastery. Most post-secondary institutions require at least 70% for entry into programs.

You don't have to schedule a time for tests. Ask any instructor and they will set you up. You may use a scientific (non-programmable) calculator and an equation sheet available within the course website. Depending on how much content is covered on a test, you will be allowed either 60, 120, or 150 minutes to write it. Rewrites are not available.

Students who reside outside the metro Vancouver area can arrange for remote proctoring of password-protected tests at another educational location. Contact me for details.

Please note, students are expected to complete their online course within a 4-5 month period of time from once you are enrolled.